



Oregon

Kate Brown, Governor

Department of
Environmental Quality
700 NE Multnomah Street Suite 600
Portland, OR 97232

Lane Regional Air
Protection Agency
1010 Main Street
Springfield, OR 97477



March 29, 2021

Transmitted via electronic mail to Vaupel.Claudia@epa.gov and duboiski.christi@epa.gov.

Ms. Claudia Vaupel and Ms. Christi Duboiski
U.S. EPA Region 10
Air and Radiation Division (15-H13)
1200 6th Avenue, Suite 155
Seattle, WA 98101

RE: Initial Notification of Exceptional Events Demonstration in Oakridge, Oregon

Dear Ms. Vaupel and Ms. Duboiski,

The Oregon Department of Environmental Quality (ODEQ) together with the Lane Regional Air Protection Agency (LRAPA) would like to formally notify the EPA that we plan to seek Exceptional Events Demonstration for the City of Oakridge for wildfire smoke impacts occurring in September of 2020. The wildfire smoke impacts will cause a violation of the National Ambient Air Quality Standards (NAAQS) for both PM_{2.5} and PM₁₀.

In our preliminary analyses, we identified six days that are of regulatory significance these are flagged as RT below.

Table 1.0 - Oakridge PM 2.5& PM 10 values, sorted by maximum value.

Oakridge PM 2.5

Date	PM 2.5 ug/m3	Flag	Notes
9/12/2020	576.6	RT	Regulatory Significance
9/13/2020	376.8	RT	
9/14/2020	280.5	RT	
9/15/2020	277.8	RT	
9/11/2020	255.1	RT	
9/16/2020	209.3	RT	
9/9/2020	189.5	IT	
9/10/2020	173	IT	
9/17/2020	149.5	IT	
9/07/2020	43	IT	
9/18/2020	39.7	IT	

Oakridge PM 10

Date	PM 10 ug/m3	Flag	Notes
9/12/2020	591	RT	Regulatory Significance
9/13/2020	423	RT	
9/15/2020	314	RT	
9/14/2020	305	RT	
9/11/2020	274	RT	
9/16/2020	237	RT	
9/10/2020	200	IT	
9/17/2020	172	IT	

RT = wildfire smoke impact with regulatory significance.

IT = wildfire smoke impact flagged for information purposes.

The red highlights are maximum acceptable value to get the 98th percentiles.

All data has been verified by ODEQ and LRAPA and is in the EPA Air Quality System (AQS) as final data. It has not been officially certified by DEQ yet, but we anticipate that will happen before May 1, 2021.

As part of our preliminary analysis we have also included values that were impacted by the September wildfire smoke, but that do not have regulatory significance. These values are flagged as IT in Table 1.0 above. ODEQ and LRAPA will not submit these days as part of our exceptional events demonstration, but we have flagged them since they have potential for future impact on NAAQS compliance in the community.

If you have any questions or concerns please do not hesitate to contact Anthony Barnack (DEQ) at Anthony.barnack@deq.state.or.us, Margaret Miller (DEQ) at margaret.miller@deq.state.or.us, or Lance Giles (LRAPA) at lance@lrpa.org.

Sincerely



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Department of Environmental Quality
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